

AGING TRANSPORT SYSTEMS RULEMAKING ADVISORY COMMITTEE (ATSRAC)

Northwest Airlines DC9 EZAP Prototype Project

October 25, 2001

Objectives

- Conduct a prototype EZAP analysis on an existing fleet to provide proof of concept of EZAP logic and process.
- Identify new tasks derived from the analysis.

First EZAP Prototype Meeting - July 17-19, 2001, Atlanta, GA

Northwest Airlines

Ken McCraley
Lon Wojtowicz
James Barnett
David Perry

Joe Gerbert
Larry Stevick
Richard Fizzaroti
Chuck Rasch

FAA

Roy Patzke

Boeing

Curt Curtis

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Milestones Achieved

- **Established common understanding of the EZAP logic.**
- **Reviewed Boeing and Airbus sample Zone Review Forms against EZAP logic.**
- **Agreed to utilize best concepts of each and develop into more user friendly format.**
- **Successfully analyzed 11 Zones: Horizontal stabilizer (simple) and wheel-wells (hostile environment, high density of installed equipment)**

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Key Conclusions

- **EZAP works, provided clearly defined Zonal Inspection Program already exists.**
- **Photos / Videos of zones that depict size and density of installed equipment helpful.**
- **Based on hostility of environment and proximity to adjacent structure and components, it may be necessary to identify specific function of some wiring.**
- **Wire size may need to be considered in Wire Inspection Level determination.**
- **Direct access to aircraft zones being analyzed deemed critical to successful application of EZAP**

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Work completed by NWA since first EZAP meeting

- **Refined EZAP Q&A logic into a user friendly format (agreed to at first meeting)**
- **Completed an initial review of all zones using EZAP logic. Inspection levels, intervals, and significant wiring concerns identified in each zone. Results forwarded to committee members for review.**

September meeting cancelled.

Next meeting scheduled for November 15-16, 2001 in Atlanta, adjoining Task 9 HWG meeting on November 13-14.